BIRCH, STEWART, KOLASCH & BINCH, LLR

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

COMBINED DECLARATION AND POWER OF A

FOR PATENT AND DESIGN APPLICA

ATTORNEY	ATTORNEY DOCKET NO.	
ATIONS	0965-0380P	
· · · · · · · · · · · · · · · · · · ·		-

(Status - patented, pending, abandoned)

Fill in Appropriate Information -For Use Without Specification

Code of Federal Regulations, §1.56.

Country

Insert Title:

Attached:

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Twin-drum Continuous Casting Apparatus and Method

the specification of which is attached hereto. If r	not attached hereto	8 20
the specification was filed on		as 7> 1/1/2
United States Application Number		; and /or
the specification was filed on	July 19, 2001 PCT/JP01/06268	as PCT
International Application Number amended under PCT Article 19 on		; and was _ (if applicable)
I hereby state that I have reviewed and und including the claims, as amended by any amendat I acknowledge the duty to disclose information.	nent referred to above.	•

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Insert Priority Information: (if appropriate)

Prior Foreign Application(s)			Priority	Claimed
2000-218659	Japan	July 19, 2000	XX	П
(Number) 2000-226615	(Country) Japan	(Month/Day/Year Filed) July 27, 2000	Yes XX	No □
(Number) 2001-15357	(Country) Japan	(Month/Day/Year Filed) January 24, 2001	Yes XX	No
(Number) 2001-203798	(Country) Japan	(Month/Day/Year Filed) July 4, 2001	Yes XX	No □
(Number)	(Country)	(Month/Day/Year Filed)	Yes □	No □
(Number)	(Country)	(Month/Day/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

Insert Provisional Application(s): (if any)

(Application Number) (Filing Date) (Application Number) (Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More Than 12 Months (6 Months for Designs) Prior To The Filing Date of This Application: Date of Filing (Month/Day/Year)

Application No.

Insert Requested Information: (if appropriate)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s)

listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Insert Prior U.S. Application(s): (if any)

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)	•

(Filing Date)

(Application Number)

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Terrell C. Birch (Reg. No. 19,382) Raymond C. Stewart (Reg. No. 21,066) Joseph A. Kolasch (Reg. No. 22,463) James M. Slattery (Reg. No. 28,380). Bernard L. Sweeney (Reg. No. 24,448) Michael K. Mutter (Reg. No. 29,680) (Reg. No. 29,271) Charles Gorenstein Gerald M. Murphy, Jr. (Reg. No. 28.977) Leonard R. Svensson (Reg. No. 30,330) Terry L. Clark (Reg. No. 32,644) Andrew D. Meikle (Reg. No. 32,868) Marc S. Weiner (Reg. No. 32,181) (Reg. No. 34,313) Joe McKinney Muncy (Reg. No. 32.334) Donald J. Daley C. Joseph Faraci (Reg. No. 32,350)

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PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole Inventor:	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNA	TURE		DATE*		
Insert Name of Inventor Insert Date This	Keiichi :	YAMAMOTO	Kejichi	yama	moto	March	20. 2	2002
Document is Signed	Residence (City, State	& Country)		Jh/	CITIZENSHIP			
Insert Residence Insert Citizenship		shi, <u>Hiroshi</u> ma			Japan			
Insert Post Office Address	POST OFFICE ADDRES c/o Hiroshima 6-22, Kan-on-s	SS (Complete Street Address Research & Develo hin-machi 4-chome	including City, State pment Center , Nishi-ku,	& Country) , MITSUB Hiroshim	ISHI HEAVY a-shi, Hir	INDUS' oshima	TRIES 733-	, LTI 8553
Full Name of Second	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNA	TURE,		DATE*	Japa	an
Inventor, if any:	Ritsuo	HASHIMOTO	Kitsus	o Hasi	rimoto	March	20, 2	2002
see above W		shi, Hiroshima	_ (DPX	CITIZENSHIP Japan	•		
	6-22, Kan-on-s	SS (Complete Street Address Research & Develo hin-machi 4-chome	, Nishi-ku,	Hiroshim	ISHI HEAVY a-shi, Hir	oshima	733-8	8553
Full Name of Third	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNA	TURE		DATE*	Japa	
Inventor, if any	Mitsuo	TANI	mitou	o Tas	ri	March	20, 2	2002
see abgive	Residence (City, State & Hiroshima-	R Country) shi, Hiroshima	, Japan V	W/	CITIZENSHIP Japan		R.C.	
U	c/o Hiroshima 1	SS (Complete Street Address Research & Develo hin-machi 4-chome	pment Center , Nishi-ku, 1	, MITSUB Hiroshim	ISHI HEAVY a-shi, Hir	INDUS'	ГRIES 733-	, LTE 8553
Full Name of Fourth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNA	TURE		DATE	Japar	n
Inventor, if any	Kazutoshi	YOKOO	Kazutosh	; Yoko		March	20, 2	:002
2111	~	shi, Hiroshima		$\mathcal{P} \downarrow$	CITIZENSHIP Japan			
90		S (Complete Street Address Research & Develo nin-machi 4-chome			ISHI HEAVY a-shi, Hir	INDUS' oshima	TRIES	LTE 8553
Full Name of Fifth Inventor, if any	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNA	TURE		DATE*	Japar	a
see above	Jyoji	YUSA	Jyoji	Yusa		March	20, 2	002
	Residence (City, State 8		. ~	100	CITIZENSHIP			
$\mathcal{S} \mathcal{W}$		shi, Hiroshima		PX	Japan			
)	POST OFFICE ADDRES C/O Hiroshima	S (Complete Street Address i Machinery Works, I	ncluding City, State & MITSUBISHI HI	Country) EAVY INDI	USTRIES, L'	ID. 6-	-22,	
4	Kan-on-shin-mad	chi 4-chome. Nish	i-ku. Hirosh	ima-shi.	Hiroshima	733-85	553 Ja	apar
Page 2 of \$\frac{\display}{2}\$ (USPTO Approved 3-90) (Revised 8-97)	* DATE OF SIGNATURE							

Cin+h							
Full Name of Sixth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNAT	URE	1	DATE.	
Insert Name of Inventor Insert Date This	Kunimasa	SASAKI	1 佐北	声声追	企	March 20	, 200
Document is Signed	Residence (City, State		710	1	CITIZENSHIP	· * · · · · · · · · · · · · · · · · · · 	
Insert Residence Insert Citizenship		u, <u>Tokyo,</u> Japa	(). /		Japan		
Insert Post Office Address	IC/O MHI STEEL	SS (Complete Street Address MACHINERY ENGINE acho, Shinjuku-ku	FRING & SERVIT	CE CO	LTD.		
Full Name of Seventh	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATI		1.	DATE*	
Inventor, if any:	Katsuyoshi	MIYAKE	To stay	-15 0	11: Yela	March 20	, 200
see above	Residence (City, State 8	,,	- Garage	4/	CITIZENSHIP	<u>, </u>	
711		shi, Hiroshima	/) 4	VX	Japan		
1.	POST OFFICE ADDRES C/O HITOSHIMA M Kan-on-shin-ma	S (Complete Street Address lachinery Works, achi 4-chome, Nis	including Civ. State & MITSUBISHI HE hi-ku, Hirosh	Country) AVY IND ima-shi	USTRIES, L'	TD. 6-22, a 733-0036	Japa
Full Name of Eighth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATU	URE		DATE*	
Inventor, if any	Katsuyuki	ISOGAMI	汤 勒 上	上格	纤	March 20,	2002
ZIV	Residence (City, State &	• • • • • • • • • • • • • • • • • • • •	10	1	CITIZENSHIP	<u> </u>	
χυ		Yamaguchi, J	- 07	\downarrow	Japan		
	CONTPONES	S (Complete Street Address STEEL CORPORAT	including City State & CION, HIKARI	Country) WORKS			
	3434, Oaza-S	Shimata, Hikar	i-shi, Yama	guchi.	743-8510) Japan	
Full Name of Ninth Inventor, if any	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATU	JE) 1	' ,)	DATE	
see above	Mamoru	YAMADA	Mamoru	V KJa	mada	March 20,	2002
0/1	Residence (City, State &	• • •	(12/2)	K/	CITIZENSHIP	<u> </u>	
904		Yamaguchi, Ja		f"	Japan		
	POST OFFICE ADDRES C/O NIPPON S 3434, Oaza-S	S(Complete Street Address TEEL CORPORAT himata, Hikar	including City, State & (ION, HIKARI i-shi Yamac	Country) WORKS	743. 9510	Janas	
Full Name of Tenth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATU	JRE	743-8310	DATE	
Inventor, if any	Tsuyoshi	TANAKA	Tsuyoshi	Tanal	A	March 20,	2002
. /.	Residence (City, State &		<u> </u>	1	CITIZENSHIP		
HWI		, Yamaguchi,	-	JPX	Japan	٠.	
10.	C/O NIPPON S	S (Complete Street Address i TEEL CORPORAT)	ON HIKART	MODKC	10		
2 -6 -4	3434, Oaza-S	himata, Hikari	i-shi, Yamac	uchi	743-8510	Japan	
Page 3 Of (4) (USPTO Approved 3-90) (Revised 8-97)	· DATE OF SIGNATURE						

Fun Florenth					
Full Name of Eleventh	GIVEN NAME FAMILY NAME	INVENTOR'S SIGNATURE		DATE	_
Insert Name of Inventor	Takashi ARAI	Takashi Ana	ان	March 20,	2002
Document is Signed	Residence (City, State & Country)		CITIZENSHIP		
Insert Residence Insert Citizenship	Hikari-shi, Yamaguchi, J			166 - 1 154 J	••
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Full Name of Twelfth	GIVEN NAME FAMILY NAME	INVENTOR'S SIGNATURE	_	DATE.	
laventor, if any:	Tadahiro IZU	Fadahir de	7 C	March 20,	2002
see above	Residence (City, State & Country)		CITIZENSHIP	·	
	Hikari-shi, Yamaguchi, J	-	Japan		
	POST OFFICE ADDRESS (Complete Street Address C/O NIPPON STEEL CORPORAT 3434, Oaza-Shimata, Hikar	TON, HIKARI WORKS	743-8510	Japan	
Full Name of Thirteent	n GIVEN NAME FAMILY NAME	INVENTOR'S SIGNATURE		DATE	
Inventor, if any	Keiji TSUNENARI	Keiji Tsunen	.ari	March 20,	2002
, 20200	Residence (City, State & Country)		CITIZENSHIP	<u> </u>	
·	Futtsu-shi, Chiba, Japan		Japan		
	POST OFFICE ADDRESS (Complete Street Address C / O NIPPON STEEL_CORPORAT 20-1, Shintomi, Futtsu-sh	including City, State & Country) ION, Technical De i, Chiba 293-851]	velopmen Japan	t Bureau	
Full Name of Fourteent	GIVEN NAME FAMILY NAME	INVENTOR'S SIGNATURE		DATE.	
laventor, if any	Kazuto YAMAMURA	Razuto Cyam	amura	March 20,	2002
	Residence (City, State & Country)		CITIZENSHIP		
	Futtsu-shi, Chiba, Japan		Japan		
	POST OFFICE ADDRESS (Complete Street Address i C/O NIPPON STEEL CORPORAT 20-1, Shintomi, Futtsu-sh	nctuding City, State & Country) ION, Technical De i, Chiba 293-8511	evelopment Japan	t Bureau	
Fifteenth	GIVEN NAME FAMILY NAME	INVENTOR'S SIGNATURE		DATE*	
Inventor, if any	Hiroshi IZAKI	Hiroshi Izok	<u>:</u> ;	March 20,	2002
	Residence (City, State & Country)		CITIZENSHIP		
4	Hikari-shi, Yamaguchi, J	_	Japan		ı
ſ	POST OFFICE ADDRESS (Complete Street Address in C / O NI PPON STEEL CORPORAT	ncluding City State & Country) ION, HIKARI WORKS	<u> </u>		
	3434, Oaza-Shimata, Hikar			Japan	

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* DATE-OF SIGNATURE